



TECHNICAL DATA SHEET

297

Undercoat Universal Alkyd Emulsion

DESCRIPTION

Adhero Hybrid 297 is an alkyd emulsion universal undercoat for indoor and outdoor use. Its exceptional adhesion properties allows it to optimize the topcoat performance. **Adhero Hybrid 297** will hide most common stains. It is easy to apply and dries quickly. It can be used for commercial, institutional and residential projects.

USE	LIMITATIONS
This universal undercoat is applicable to interior and exterior surfaces. Adhero Hybrid 297 must be applied onto new or already painted surfaces that have been properly prepared. It can be applied directly to alkyd paints, metals as well as ferrous metals, ceramics, melamine, wood (except wood that is rich in tannin, like cedar and redwood), drywall, bricks, plaster, stucco, concrete and can be recoated after only 4 hours. Adhero Hybrid 297 is recommended for water stains on acoustic tiles, common household stains (coffee, pencil, wine). Given the diversity of the stains, we suggest to apply two coats for an optimal result.	Avoid application in all temperatures under 10°C Must be covered with a topcoat Not designed to block smoke odour It is important to make sure the coat of the primer is dry before applying a second coat or the topcoat. Do not apply outside at the end of the day when dew formation may occur. Do not mix with other paints.

CARACTERISTICS	TECHNICAL INFORMATIONS																						
<ul style="list-style-type: none"> • Adhero Hybrid 297 provides an excellent adhesion. • It seals all porous and chalky surfaces as well as old yellowed drywall. • Adhero Hybrid 297 will hide most stains in one or two coats. • Water-based or solvent-based paint can be applied over this primer. • Adhero Hybrid 297 contains a fungicide. • It will help to obtain LEED credits. • Adhero Hybrid 297 can be easily sanded after it has dried for 2-3 hours. 	<table border="1"> <thead> <tr> <th rowspan="2">DRYING TIME</th> <th>Recoat:</th> <th>To touch:</th> <th>Exterior:</th> </tr> </thead> <tbody> <tr> <td>4 hours</td> <td>30 minutes</td> <td>Plan for dry weather 24 hours after application</td> </tr> </tbody> </table> <p>At 25° Celsius and relative humidity at 50% Drying time may vary depending on the humidity, temperature and air circulation</p>	DRYING TIME	Recoat:	To touch:	Exterior:	4 hours	30 minutes	Plan for dry weather 24 hours after application	<p>SURFACE COVERAGE (for 3.78 L) 37 - 46 m² (400 - 500 ft²) May vary depending on the surface porosity</p> <p>Recommended film thickness Wet : 3.2 - 4.0 mils Dry: 1.28 - 1.60 mils</p> <p>Cleaning Lukewarm soapy water</p> <p>Resin Alkyd emulsion</p> <p>Thinner Water</p> <p>Inflammability non-flammable</p> <p>Flash point N/A</p> <p>% of solids by weight 58%</p> <p>% of solids by volume 40%</p> <p>VOC <50 g/L</p>														
DRYING TIME	Recoat:		To touch:	Exterior:																			
	4 hours	30 minutes	Plan for dry weather 24 hours after application																				
<table border="1"> <thead> <tr> <th colspan="5">FORMAT</th> </tr> <tr> <th></th> <th>946 ml</th> <th>3,78 L</th> <th>18,9 L</th> <th></th> </tr> </thead> <tbody> <tr> <td>297-0 White</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>	FORMAT						946 ml	3,78 L	18,9 L		297-0 White	X	X			<table border="1"> <thead> <tr> <th rowspan="2">GLOSS</th> <th>60°</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <th>85°</th> <th>N/A</th> </tr> </tbody> </table>	GLOSS	60°	N/A	85°	N/A		
FORMAT																							
	946 ml	3,78 L	18,9 L																				
297-0 White	X	X																					
GLOSS	60°	N/A																					
	85°	N/A																					

SURFACE PREPARATION

The surface must be dry and clean, without dust, oil, grease, rust and soap. On painted surfaces, it is recommended to clean with a degreaser (T.S.P.) in order to eliminate any contaminant that may harm the adhesion or the curing of the product. Thoroughly rinse the entire surface. The surfaces must be well sanded and dusted.

Presence of mould: Clean the affected area with a mixture of 1 part bleach to 3 parts water. Thoroughly rinse the entire surface.

Flaking or chalking paint or efflorescence: Using a scraper, remove the weakened and/or loose paint, then sand the edges of the surface to make it smooth. For chalking paint or efflorescence, scrub the surface using a steel brush and/or a pressure washer.

A repair compound should be used to fill holes and uneven surfaces. Sand with a grade #100 sanding paper. Clean sanding residue.

Glossy surfaces: Sand to ensure excellent adhesion. Clean sanding residue.

Alkyd based paint: Sand to ensure excellent adhesion. Clean sanding residue.

Concrete / Masonry: Wait until the concrete and/or masonry have cured at least 30 days before painting it. Make sure there are no efflorescence salt present before painting it.

Wood: The surface must be sanded with a grade #80 or #100 sanding paper to open the fibres of the wood. On woods that have potential bleeding, test the surface by applying the undercoat on a 4 foot x 4 foot area. If there is no apparent bleeding after 4 hours proceed with priming the entire surface. If there is bleeding, Use the alkyd primer **Block Plus 296**.

New or treated wood having been exposed to bad weather: It is strongly recommended that any apparent or undesirable mold growth be neutralized in order to prevent peeling. Use a mixture of 1 part bleach to 3 parts water, let stand for 20 minutes to take effect, then rinse and allow the wood to dry for at least 24 hours.

Smoke or stain damaged areas: Once the surface has been cleaned, apply the undercoat and let it dry for 4 hours. Next, apply the topcoat on a small area to test if there is any bleeding. If the stain bleeds through, apply another coat of the undercoat. Let it dry overnight before testing the topcoat again.

APPLICATION

This product is ready to be used and does not require dilution. Mix well before use. Apply one coat or two if necessary. Allow a minimum drying time of 4 hours between each coat. In order to properly cover the surface, it is recommended to use a 15mm lint free roller and a quality nylon-polyester brush. Clean the brushes and rollers with lukewarm soapy water following their use.

For spray application : Dilute with a maximum of 10% water.

Pressure : 2000 to 2500 lb/in²*

Nozzle : 0.015 – 0.019*

**This data may vary depending on the brand of the equipment manufacturer.*

MAINTENANCE

Must be covered with a topcoat

STORAGE

Store the paint in a dry area and maintain temperature between 10°C and 30°C.

WARRANTY

This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.

CAUTION

- Keep away from children's reach
- Keep lid closed when not in use
- Avoid freezing

" Contact your municipality to dispose of the container in an environmentally-friendly manner "